

Water Year 2002
CVPIA §3406(b)(2) and
CALFED Environmental Water
Account (EWA) Accounting

April 19, 2002

WY 2002 CVPIA 3406(b)(2) and EWA Accounting and Operations

AGENDA

- CVPIA 3406(b)(2)
- CVPIA 3406(b)(2) Fishery Actions
- CVPIA 3406(b)(2) Water Accounting
- EWA Water Accounting
- Questions

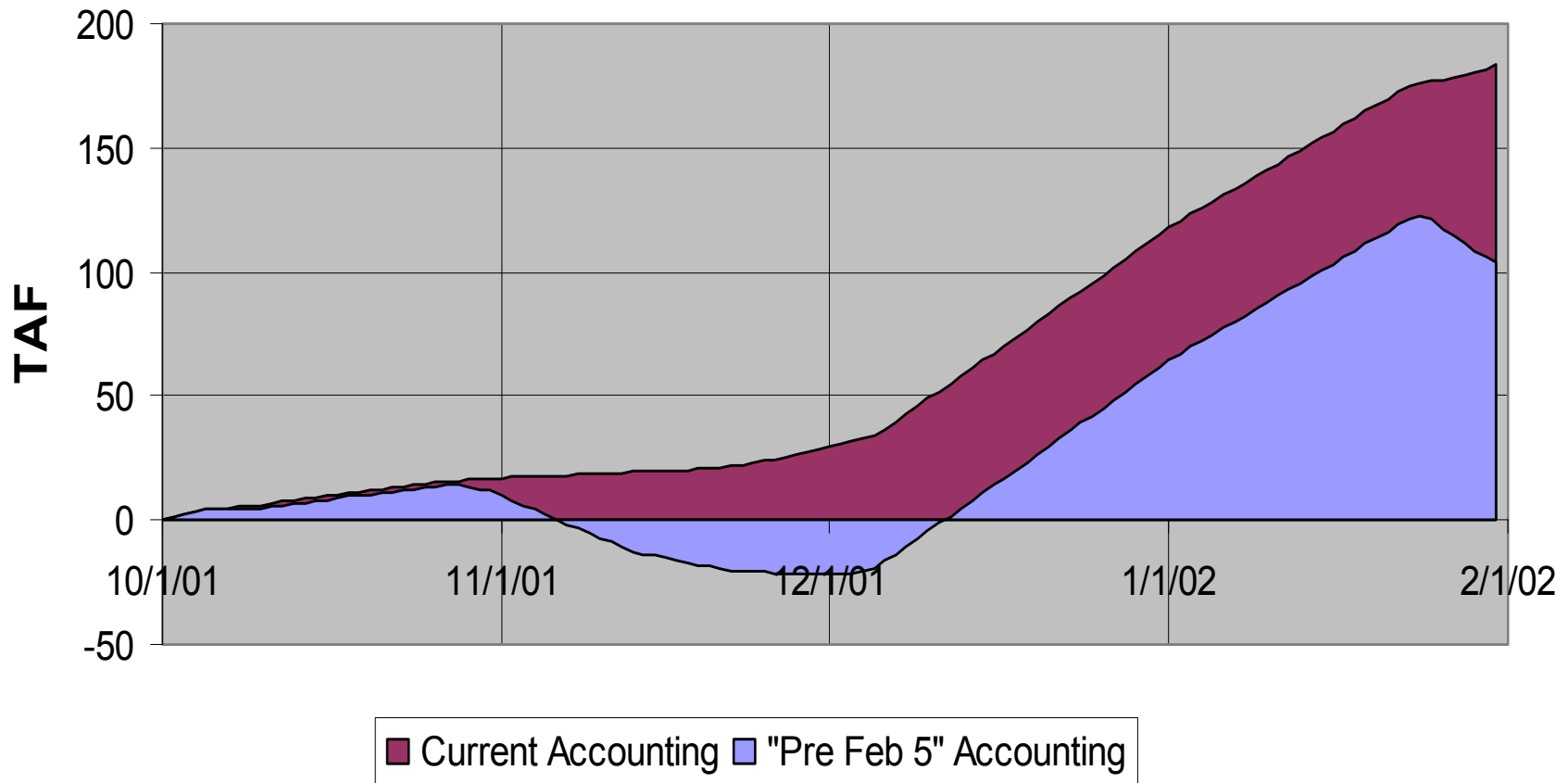
Implementation

- **Actual Operations and Accounting**
 - Data collection of daily data
 - Integrated data into accounting spreadsheets.
- **Developing operations plan**
 - Monthly plan of operations and b(2) use

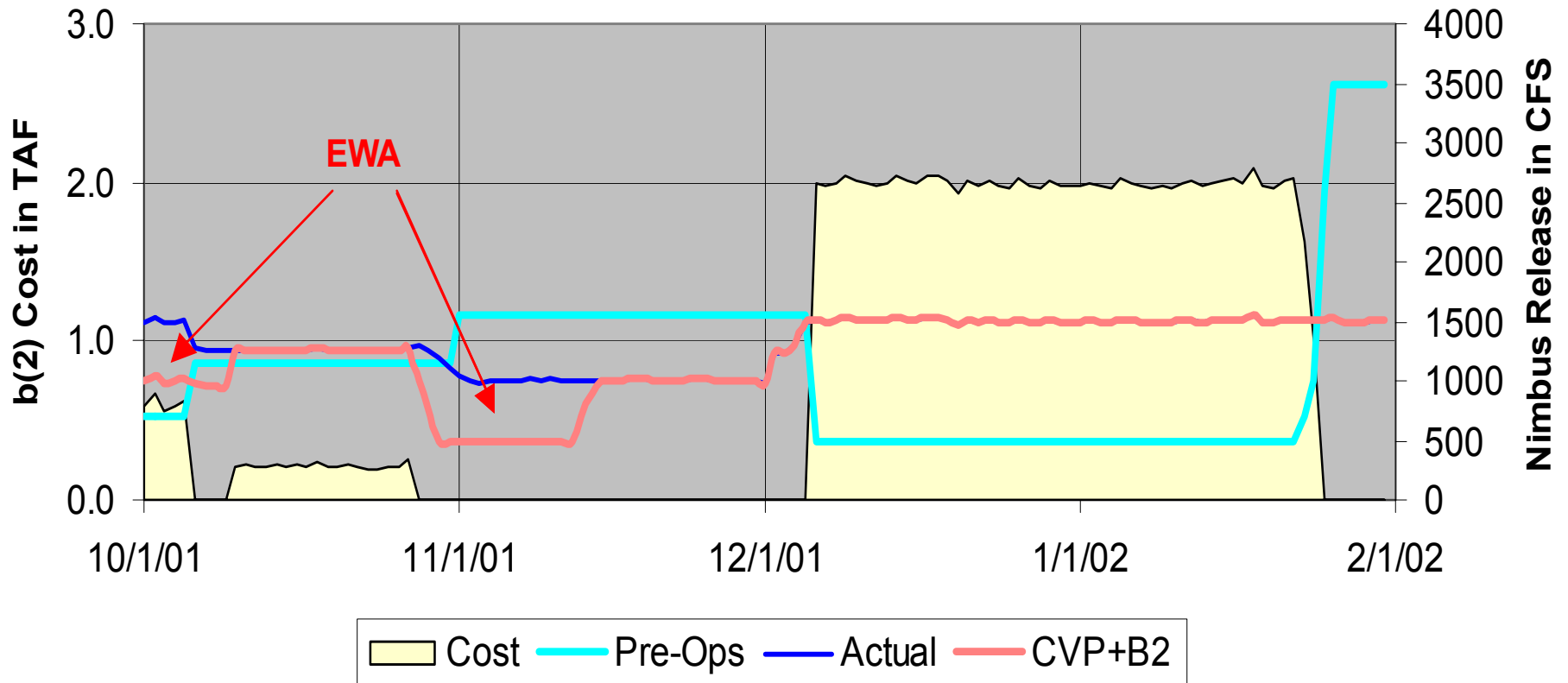
Recent Court Ruling Impacts to CVPIA 3406(b)(2)

- Removal of the WQCP limit of 450 TAF
- ESA impacts are part of 800 TAF
- Reset implementation
- Offset implementation

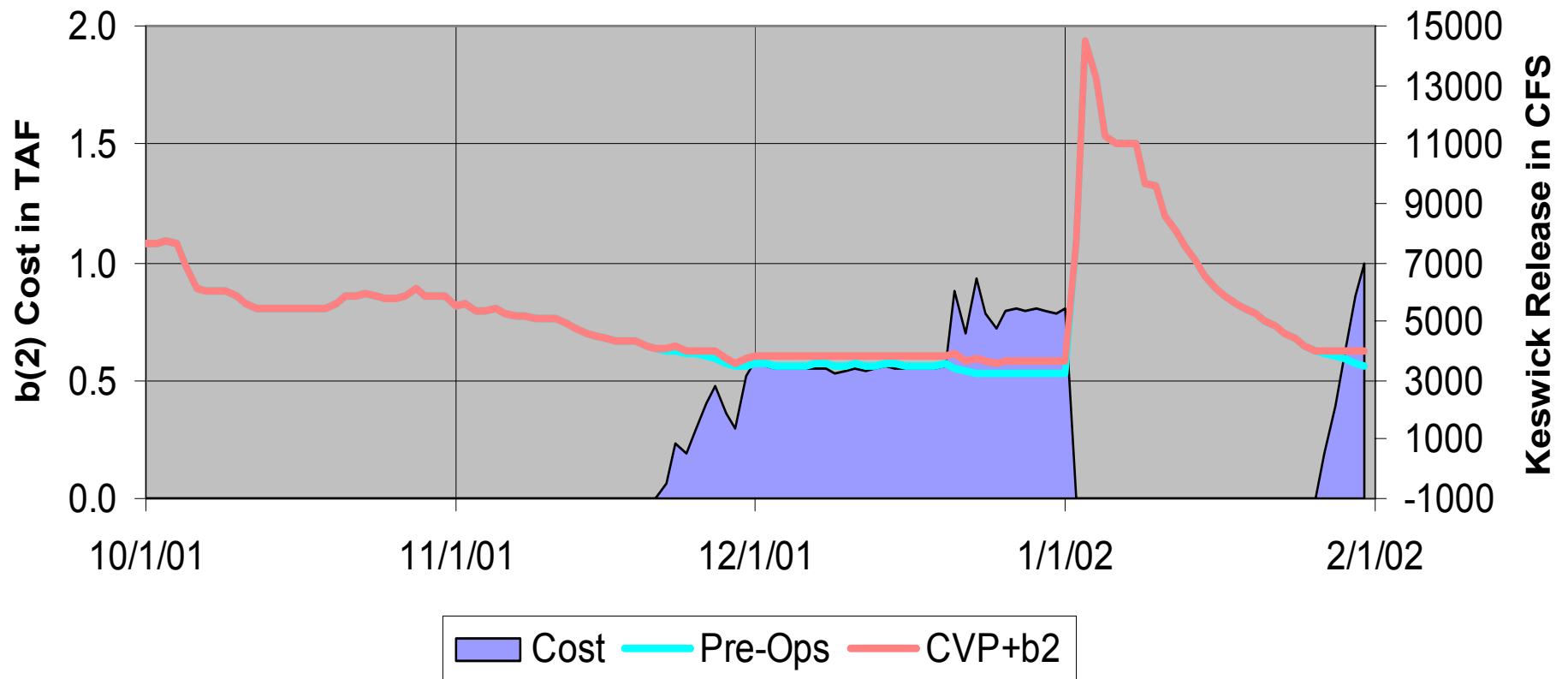
Cumulative b(2) use
Oct '01 - Jan '02



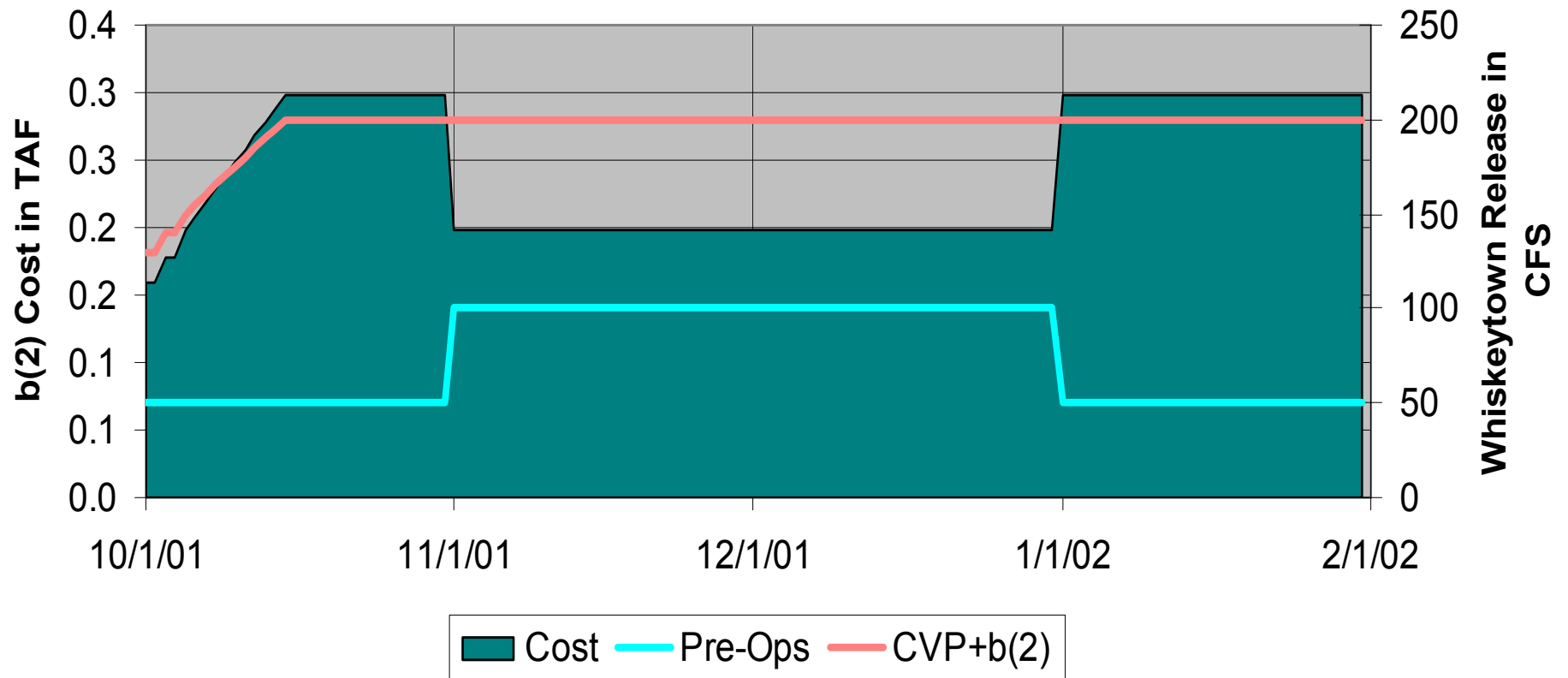
American River Daily Operations



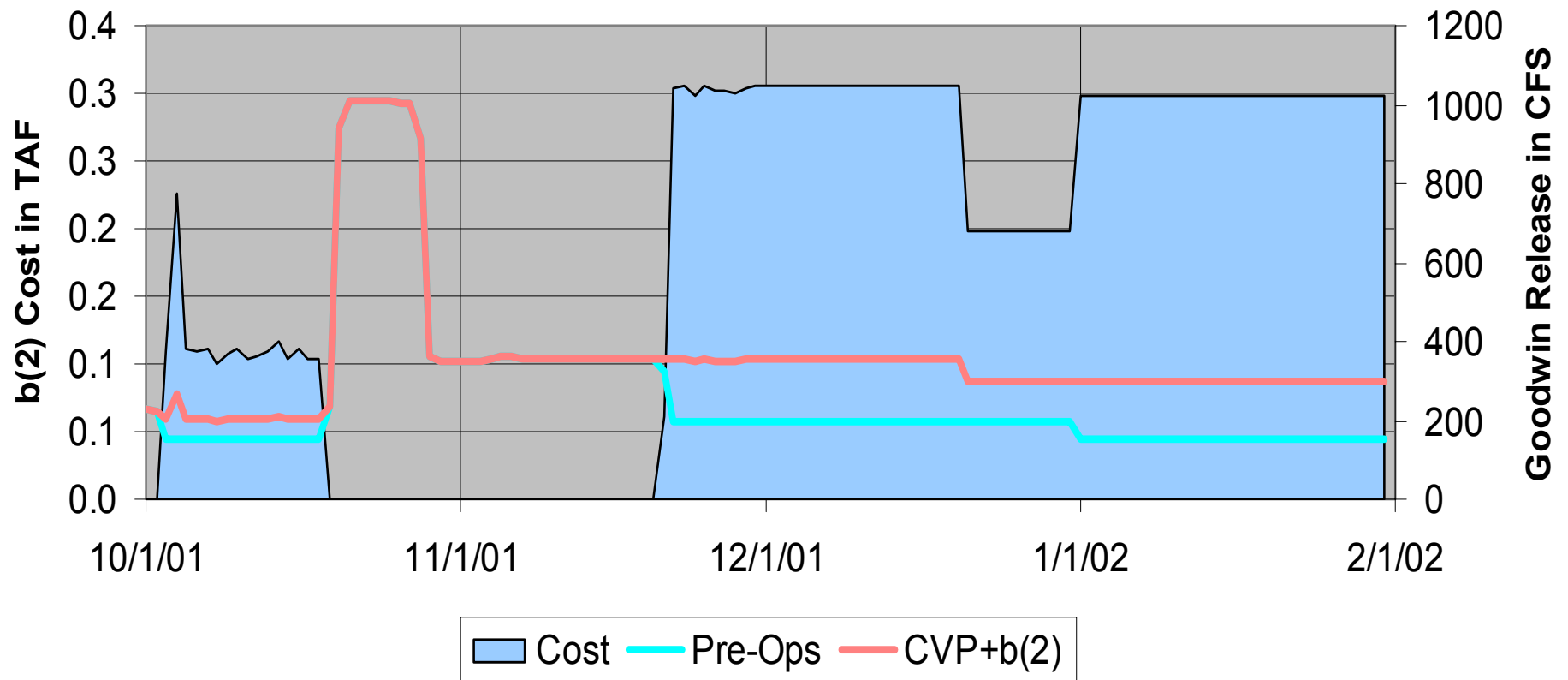
Sacramento River Daily Operations



Clear Creek Daily Operations



Stanislaus River Daily Operations



Preliminary Forecast of b(2) Operational Differences (90% Forecast)

4/19/02

B2 Operational Differences	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Total
Storage Metric 1 (Oct 1-Jan 31)													
Trinity	8	6	6	9									
Shasta	0	3	20	4									
Folsom	7	0	52	47									
N.Melones	2	3	8	9									
Storage Metric 1 Monthly Total	17	12	86	69									183
Release Metric 2 (Feb 1-Sept 30)													
Clear Creek					8	6	6	6				6	
Keswick					2	47							
Nimbus							23						
Goodwin					12	7	11	9					
Release Metric 2 Monthly Total					22	60	40	15	0	0	0	6	143
Export Reduction Metric 3 (Oct 1 - Sept 30)													
Federal Export					31	9	129	84	0	8	83	128	
Export Reduction Metric 3 Monthly Total					31	9	129	84	0	8	83	128	472
Total													798

* Figures are in thousands of Acre Feet

* Operational Differences based on monthly forecast and may have limitations representing daily accounting

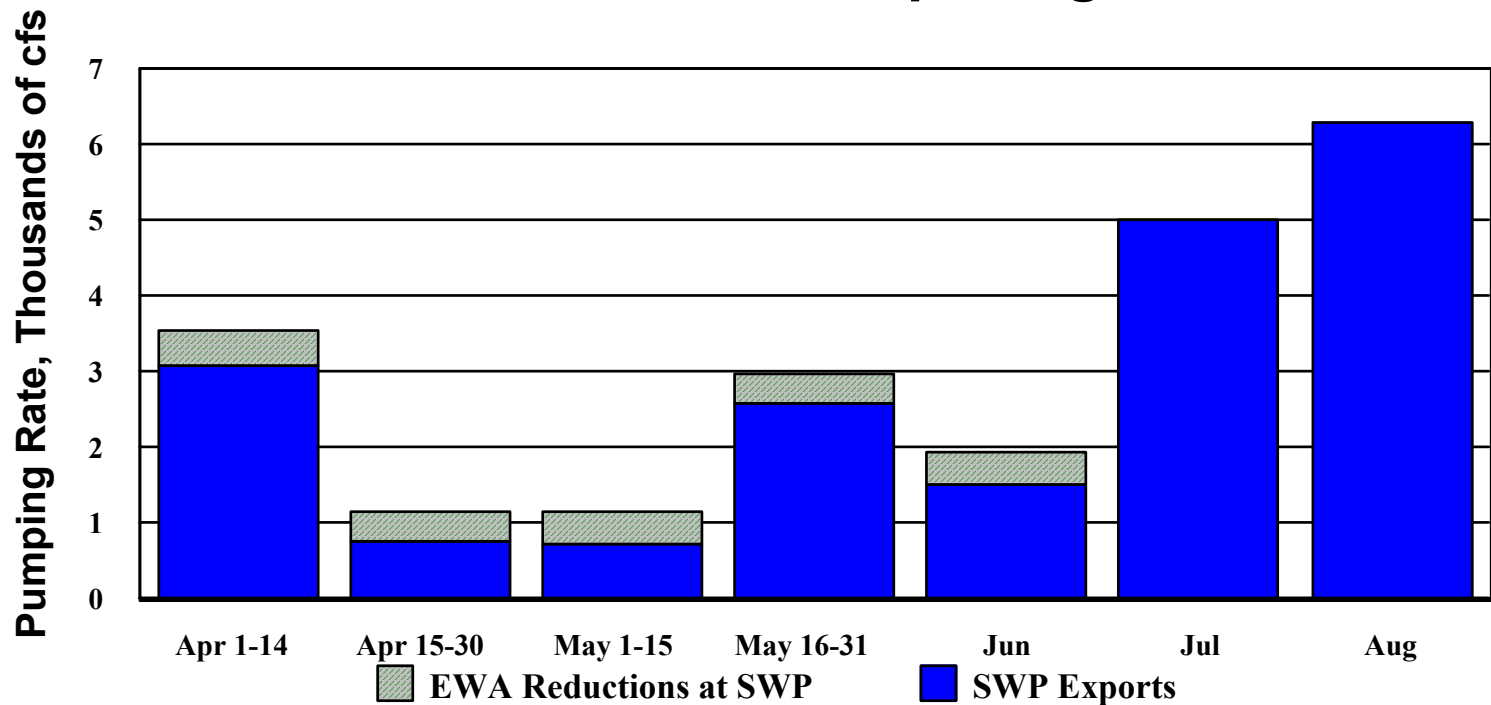
* Final accounting is based on daily operations

* Based on April 15, 2002 Forecast of operations

* Banking and other measures will be used to bring b(2) expenditures to 800 TAF as appropriate

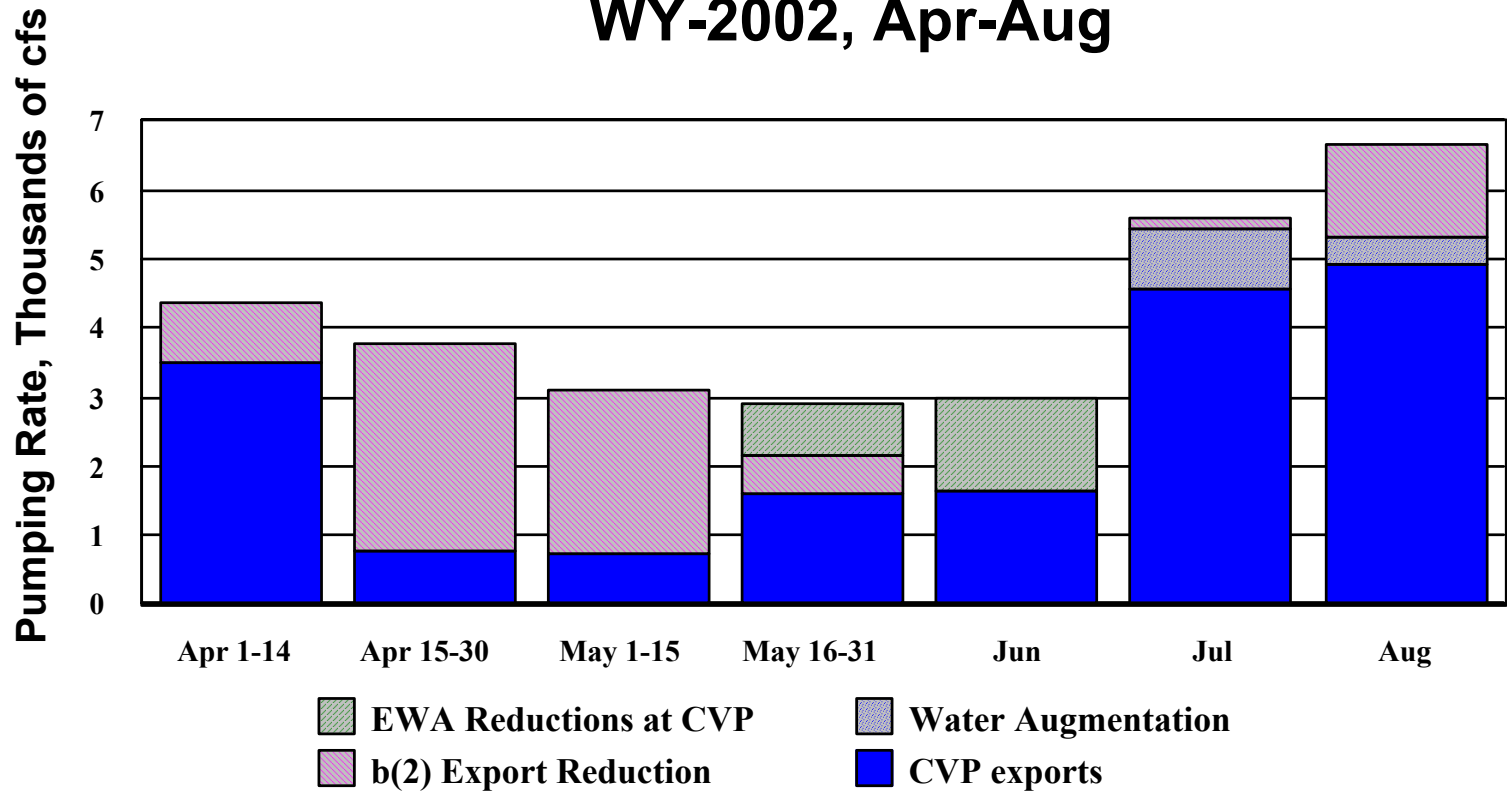
WY 2002 Delta Operations

SWP Exports WY-2002, Apr-Aug



WY 2002 Delta Operations

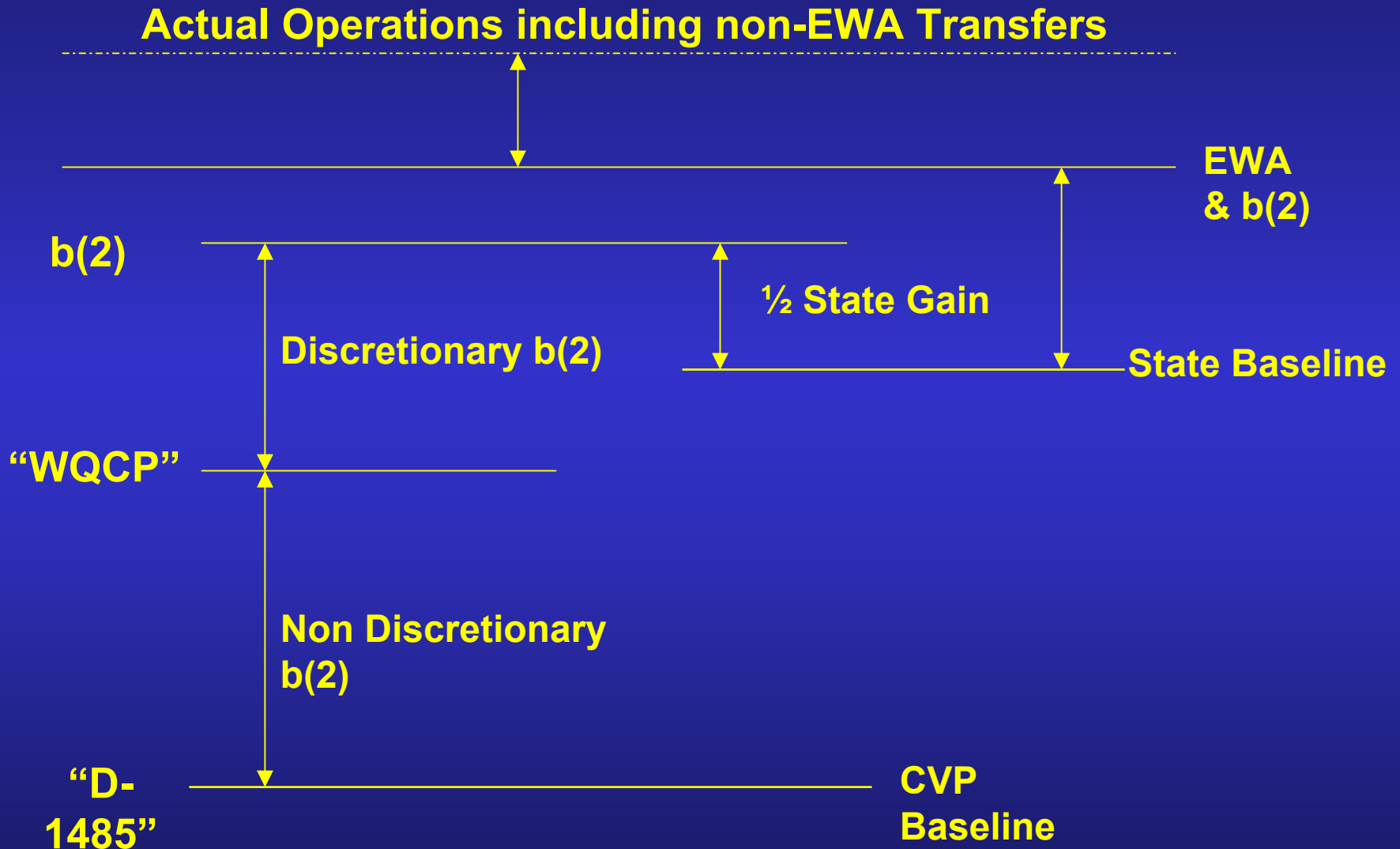
CVP Exports WY-2002, Apr-Aug



Environmental Water Account

QUESTIONS??

EWA and b(2) Relationships



b(2) Calculation

- **Storage Metric: Oct 1 - Jan 31**
 - **Cumulative Net Change In Storage vs Pre-CVPIA.**
- **Release Metric: Feb 1 - Sept 30**
 - **Sum of Daily Change in Releases vs Pre-CVPIA.**
- **Delta Metric: Oct 1 - Sept 30**
 - **Sum of Daily Change in Exports vs Pre-CVPIA.**

Pre-CVPIA Case

- **Upper Sacramento**
 - Winter Run Biological Opinion (Temperature Operations) & WR 90-5.
 - COE Flood Control Requirements.
- **Clear Creek**
 - 1960 MOA with CDFG.
- **Trinity River**
 - 369,000 AF Wanger Decision.
 - Safety of Dams.
- **American River**
 - Evaluation of Historical Operations with D-893.
 - COE Flood Control Requirements with SAFCA enhancements.
- **Stanislaus River**
 - 1987 Instream Flow Agreement & D-1422.
 - COE Flood Control Requirements.
- **Delta**
 - D-1485
 - 1986 COA

Base Case Definition

- **Upper Sacramento**
 - Winter Run Biological Opinion (Temperature Operations) & WR 90-5.
 - COE Flood Control Requirements.
- **Clear Creek**
 - 1960 MOA with CDFG.
- **Trinity River**
 - Interim 369,000 AF Trinity River release.
 - Safety of Dams.
- **American River**
 - “Modified D-893”.
 - COE Flood Control Requirements with SAFCA enhancements.
- **Stanislaus River**
 - 1987 Instream Flow Agreement & D-1422.
 - COE Flood Control Requirements.
- **Delta**
 - D-1485
 - 1986 COA